

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	27	("20030002600"   "20040032230"   "20040080966"   "20040165661"   "20040232898"   "20050110667"   "4097863"   "4100369"   "5191519"   "5233546"   "5315533"   "5347442"   "5377092"   "5526252"   "5812831"   "5815381"   "5901176"   "5914866"   "5929538"   "5930131"   "6118680"   "6124814"   "6134127"   "6201720"   "6327162"   "6813319"   "7058464").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/02 01:16
L3	0	("20030002600"   "20040032230"   "20040080966"   "20040165661"   "20040232898"   "20050110667"   "4097863"   "4100369"   "5191519"   "5233546"   "5315533"   "5347442"   "5377092"   "5526252"   "5812831"   "5815381"   "5901176"   "5914866"   "5929538"   "5930131"   "6118680"   "6124814"   "6134127"   "6201720"   "6327162"   "6813319"   "7058464").PN. and valve	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/02 01:16
L4	0	("7247955").URPN.	USPAT	OR	ON	2007/09/02 01:27
L5	1	FIR same averag\$4 same PWM same sampl\$4	USPAT	OR	ON	2007/09/02 01:28
L6	0	FIR same PWM same sampl\$4 same valve	USPAT	OR	ON	2007/09/02 01:28
L7	0	FIR same PWM same valve	USPAT	OR	ON	2007/09/02 01:28
L8	6	FIR and averag\$4 same PWM same sampl\$4	USPAT	OR	ON	2007/09/02 01:28
L9	0	FIR and averag\$4 same PWM same sampl\$4 and valve	USPAT	OR	ON	2007/09/02 01:29
L10	1	FIR and averag\$4 same PWM and sampl\$4 and valve	USPAT	OR	ON	2007/09/02 01:30
L11	0	FIR same PWM and sampl\$4 and valve	USPAT	OR	ON	2007/09/02 01:30
L12	11	FIR and PWM and sampl\$4 and valve	USPAT	OR	ON	2007/09/02 01:31
L13	341	low with pass with filter with averag\$4 with sampl\$4	USPAT	OR	ON	2007/09/02 01:31
L14	305	low near pass near2 filter with averag\$4 with sampl\$4	USPAT	OR	ON	2007/09/02 01:31
L15	39	low near pass near2 filter with averag\$4 with sampl\$4 with period	USPAT	OR	ON	2007/09/02 01:32

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L16	17	low near pass near2 filter with averag\$4 with sampl\$4 and PWM	USPAT	OR	ON	2007/09/02 01:32
L17	2	low near pass near2 filter with averag\$4 with sampl\$4 and PWM and FIR	USPAT	OR	ON	2007/09/02 01:36
L18	8623	"hydraulic valve" "electrohydraulic valve"	USPAT	OR	ON	2007/09/02 01:37
L19	543	"electrohydraulic valve"	USPAT	OR	ON	2007/09/02 01:37
L20	1	"electrohydraulic valve" and PWM and FIR	USPAT	OR	ON	2007/09/02 01:43
L21	39	"electrohydraulic valve" and PWM	USPAT	OR	ON	2007/09/02 01:40
L22	3	"electrohydraulic valve" and PWM and finite	USPAT	OR	ON	2007/09/02 01:41
L23	1	electrohydraulic near2 valve and PWM and FIR	USPAT	OR	ON	2007/09/02 01:44
L24	1	electrohydraulic with valve and PWM and FIR	USPAT	OR	ON	2007/09/02 01:44
L25	21	electrohydraulic with valve and PWM and filter	USPAT	OR	ON	2007/09/02 01:45
L26	0	electrohydraulic with valve and PWM and filter near impulse	USPAT	OR	ON	2007/09/02 01:46
L27	3	electrohydraulic with valve and PWM and filter with respon\$6	USPAT	OR	ON	2007/09/02 01:47
L28	8	"6201720"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 02:52
L29	476	PWM same sampl\$4 same (reset\$4 \$2start\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 02:53
L30	202	PWM same sampl\$4 with (reset\$4 \$2start\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 02:53
L31	106	PWM with sampl\$4 with (reset\$4 \$2start\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 02:53

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L32	0	PWM with sampl\$4 with (reset\$4 \$2start\$4) same FIR	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 02:54
L33	139	PWM and sampl\$4 with (reset\$4 \$2start\$4) and FIR	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 02:53
L34	3	PWM with sampl\$4 with (reset\$4 \$2start\$4) and FIR	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/02 02:54
S1	320	PWM and FIR	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/23 12:36
S8	64	PWM and electrohydraulic near2 valve	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 15:28
S27	18	PWM and electrohydraulic near2 valve and sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 15:29
S28	9	PWM and electrohydraulic near2 valve and sampl\$4 and averag\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 17:17
S29	9	("5023535").URPN.	USPAT	OR	ON	2007/08/22 16:38
S30	1	("5023535").URPN. and sampl\$4 and averag\$4 and Pulse and width	USPAT	OR	ON	2007/08/22 16:38
S31	44	PWM and \$hydraulic near2 valve and sampl\$4 same averag\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 17:51
S32	15	"5473497"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 17:22

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S33	374	PWM same sampl\$4 same averag\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/22 17:51
S34	190	PWM same sampl\$4 same averag\$4	USPAT	OR	ON	2007/08/23 12:51
S35	126	PWM and reset\$4 near sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/23 12:44
S36	37	PWM and reset\$4 near accumul\$4	USPAT	OR	ON	2007/08/23 12:44
S37	0	PWM same sampl\$4 same averag\$4 same reset\$4 near accumulator	USPAT	OR	ON	2007/08/23 12:51
S38	0	PWM same sampl\$4 same averag\$4 and reset\$4 near accumulator	USPAT	OR	ON	2007/08/23 12:52
S39	94	PWM same sampl\$4 same averag\$4 and reset\$4	USPAT	OR	ON	2007/08/23 12:52